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APPLICANT : SUMITOMO METAL IND LTD;

INVENTOR : KITAGAWA SHIRO;

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TITLE : TITANIUM ALLOY EXCELLENT IN CREVICE CORROSION RESISTANCE

ABSTRACT : PURPOSE: To improve workability as well as crevice corrosion resistance by incorporating prescribed percentage of platinum group elements, Mo, W and V.

CONSTITUTION: The titled titanium alloy has a composition consisting of, by weight, 0.01–0.12%, in total, of one or more kinds among platinum group elements, 0.05–2%, in total, of one or more elements among Mo, W and V and the balance Ti. This titanium alloy is excellent in workability as well as in crevice corrosion resistance, so that performance and reliability of facilities and equipments used under a corrosive environment can be improved on application of this alloy.

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